SWP Water Quality Summary

September 30, 2004

Total Dissolved Solids: TDS at all locations remained below the Article 19 Monthly Average Objective of 440 mg/l. The highest concentration of 295 mg/l occurred at Banks Pumping Plant (BPP), while the lowest concentration of 181 mg/l occurred at Barker Slough, on September 22 and 29, 2004, respectively. TDS slightly increased at BPP, Devil Canyon, Barker Slough and Velocities; while there were fluctuations at Check 29.

Bromide concentrations: The highest concentration of 0.25 mg/l occurred at Banks Pumping Plant, while Barker Slough had the lowest concentration of 0.04 mg/l both on September 22. Barker Slough and Vallecitos were the only locations with no changes in concentration and they remained below the CBDA Objective.

Turbidity: A slight increase occurred at all locations on September 29. The highest concentration of 73 NTU occurred at Barker Slough on September 29. The lowest concentration of 2 NTU occurred at Check 29 on September 22, 2004.

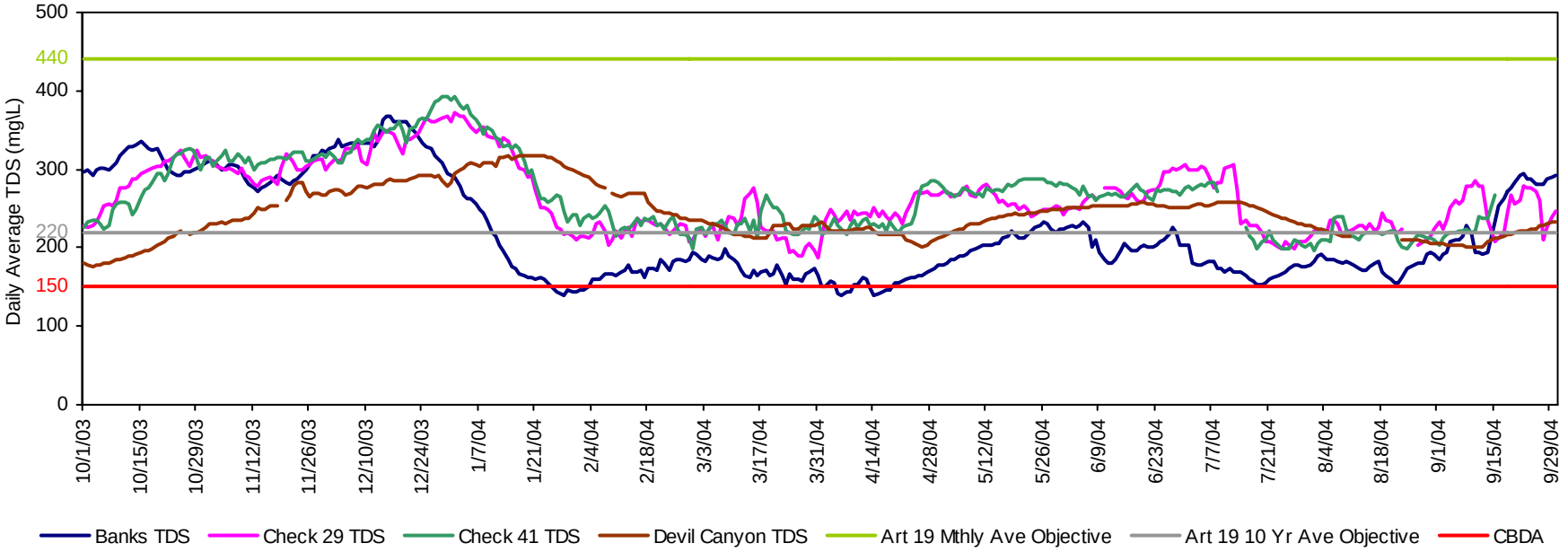
Dissolved Organic Carbon: DOC decreased slightly at Banks Pumping Plant to 2.6 mg/l on September 29, while the concentration at Check 13 increased from 3.2 to 3.7 mg/l, slightly above the CBDA Objective of 3.0 mg/l.

Taste and Odor Compounds: During the past two weeks, MIB was less than 10ng/l at Banks Pumping Plant and Del Valle, Check 7. Jones Tract MIB decreased to 5 ng/l while geosmin was undetected. MIB and geosmin at San Luis Reservoir and Pacheco Pumping Plant were below the detection limit of 1ng/l.

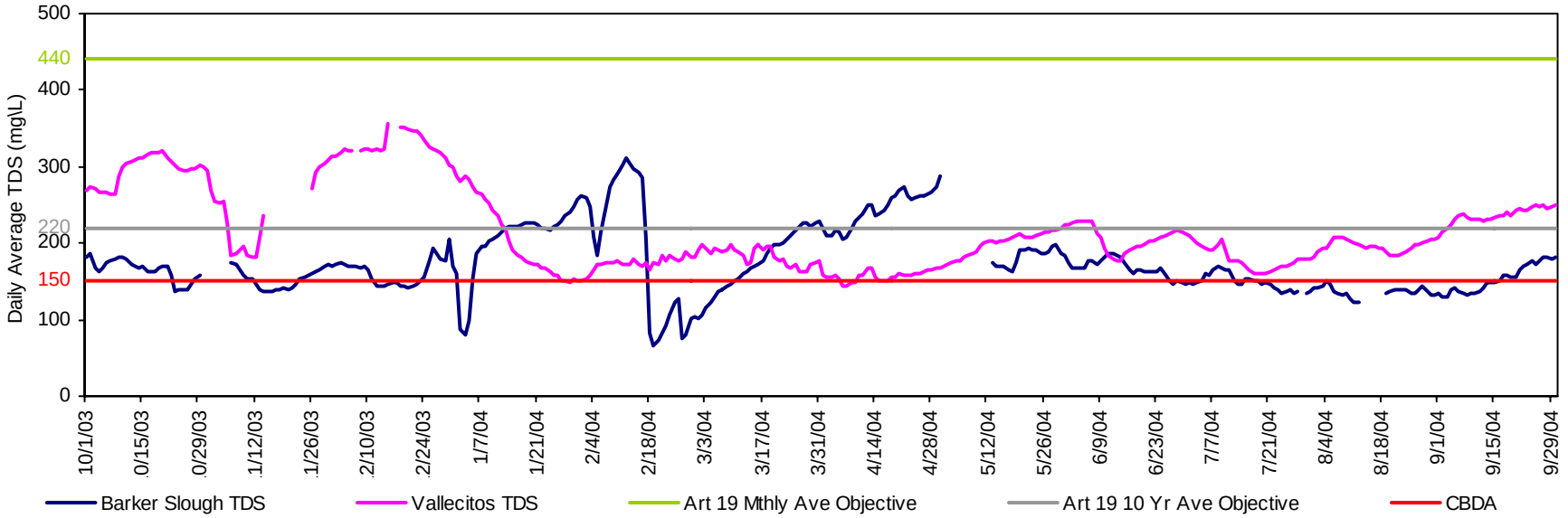
Ground Water Pump-in: Ground water pump-in from AEWSD, KernWaterBank and Semitropic continues. However, the water quality from Semitropic was higher in salt, bromide and arsenic, when compared to the aqueduct. Kern water has the best quality.

For more information refer to: http://wwwomwq.water.ca.gov and
http://wwwdpla.ca.gov/supply/sampling/mwq/main.htm

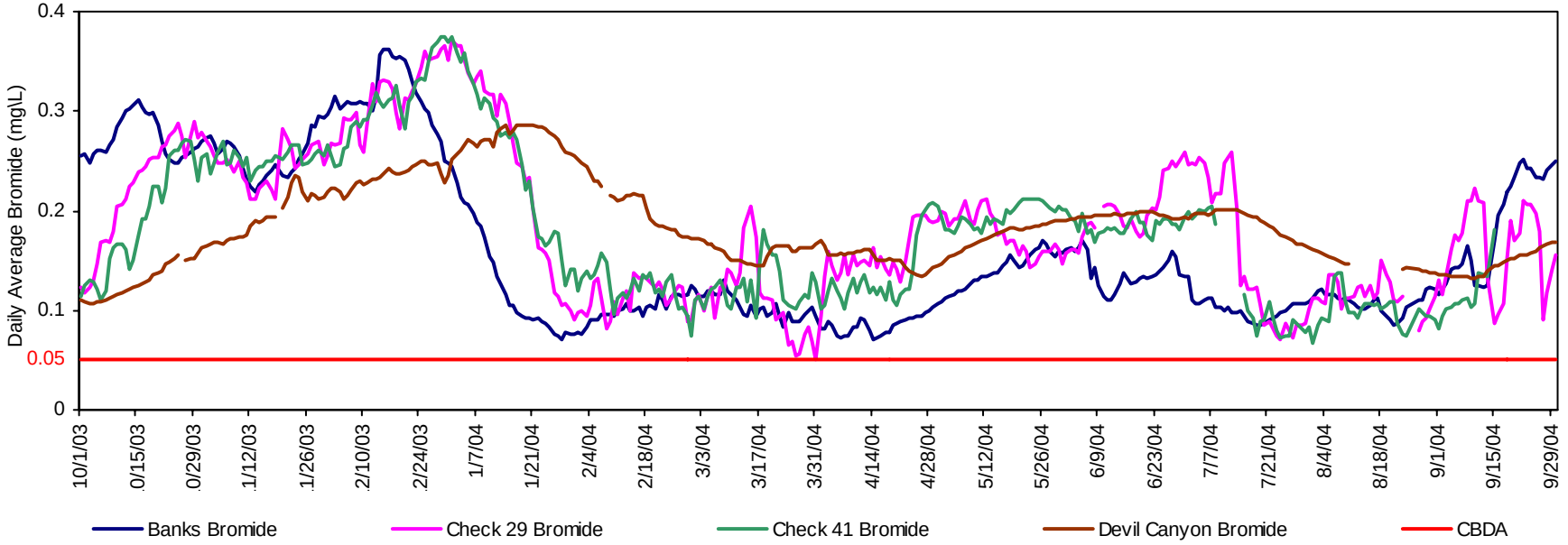
California Aqueduct - Calculated Total Dissolved Solids



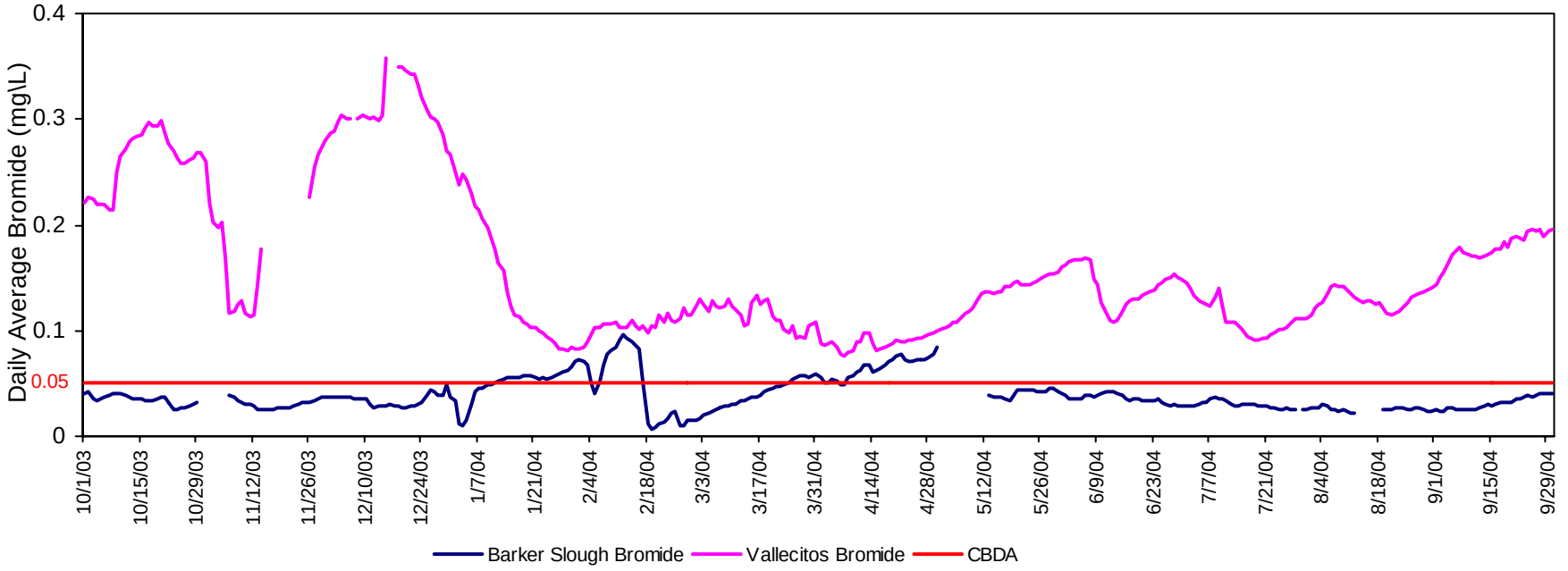
North and South Bay Aqueduct - Calculated Total Dissolved Solids



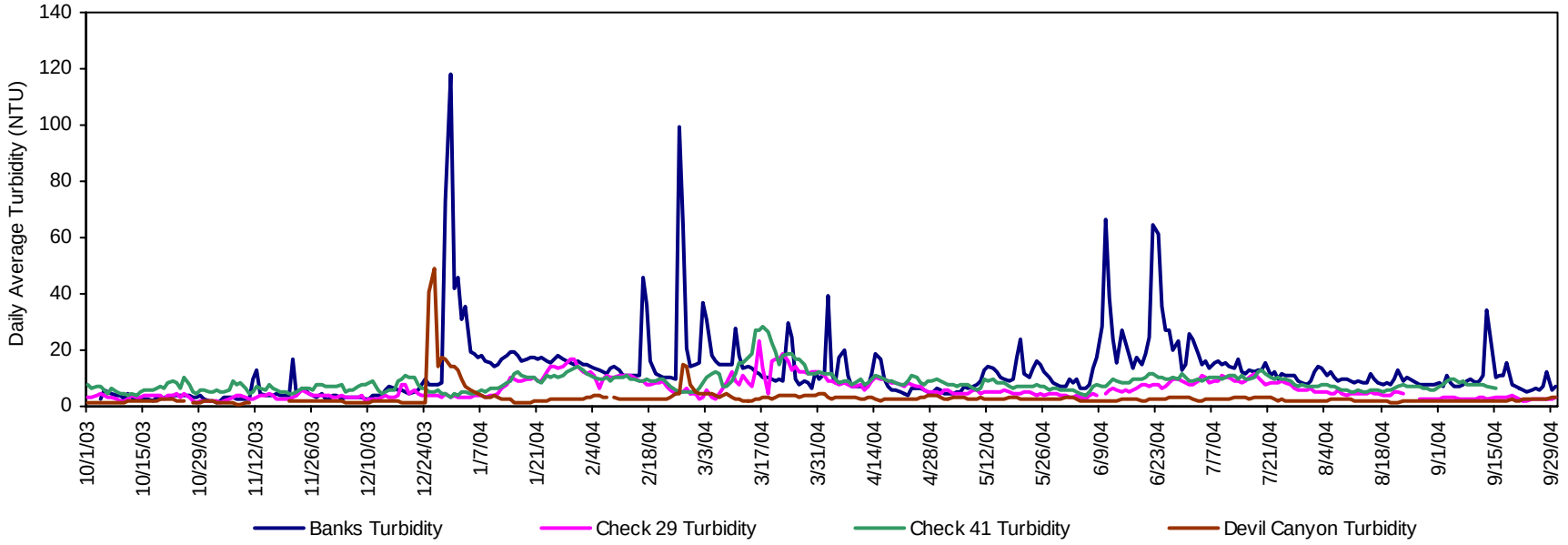
California Aqueduct - Calculated Bromide



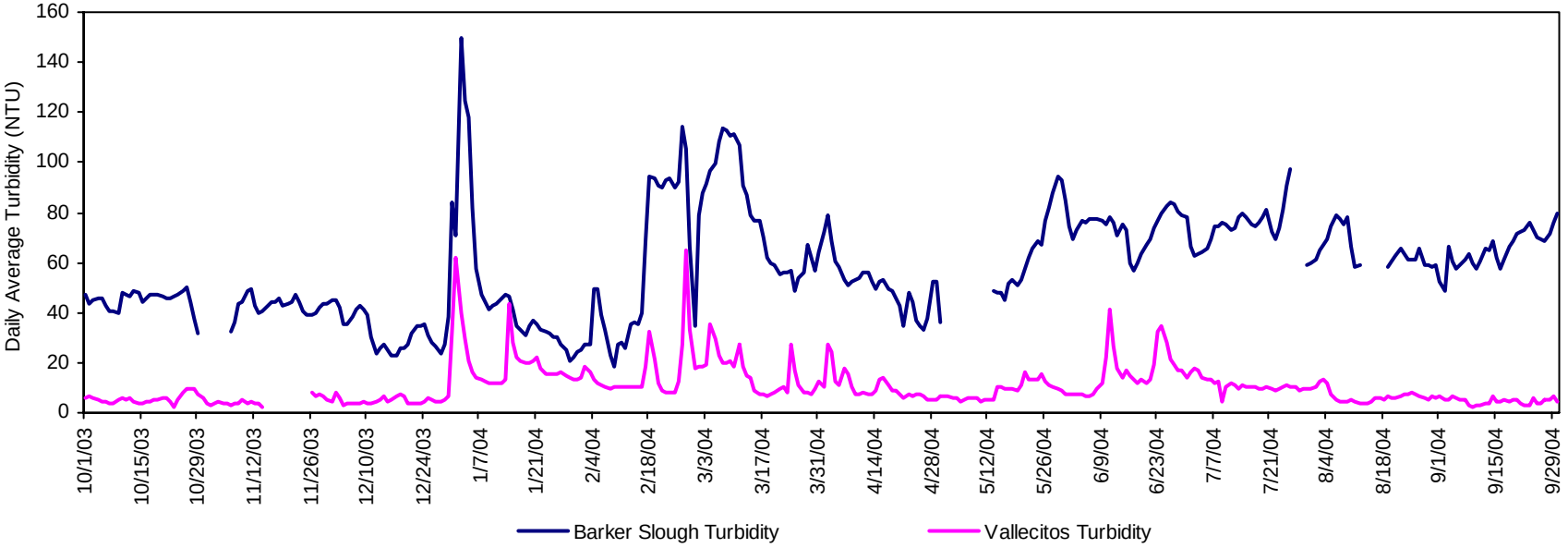
North and South Bay Aqueduct - Calculated Bromide

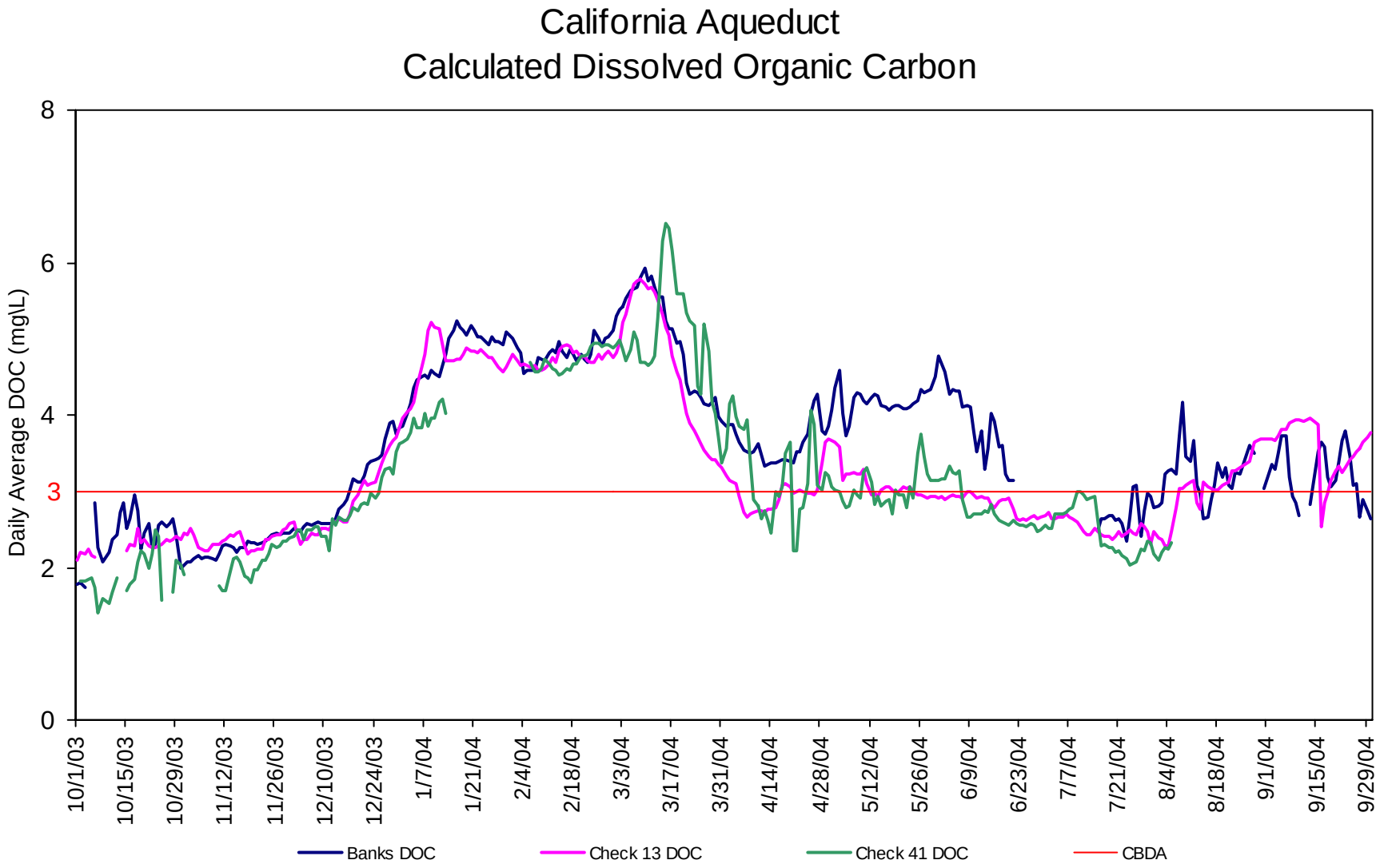


California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity




California Aqueduct
Calculated Dissolved Organic Carbon
Daily Average DOC (mg\L)
8
6
4
3
2
0
10/1/03
10/15/03
10/29/03
11/12/03
11/26/03
12/10/03
12/24/03
1/7/04
1/21/04
2/4/04
2/18/04
3/3/04
3/17/04
3/31/04
4/14/04
4/28/04
5/12/04
5/26/04
6/9/04
6/23/04
7/7/04
7/21/04
8/4/04
8/18/04
9/1/04
9/15/04
9/29/04
Banks DOC
Check 13 DOC
Check 41 DOC
CBDA